

Notice of Allowability

Application No.

09/935,023

Examiner

Bob A. Phunkulh

Applicant(s)

CHUAH, MOOI CHOO

Art Unit

2619

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/5/2007.
2. ☒ The allowed claim(s) is/are 1, 5-8, 21-22, 11, 13, 15-18, 23, and renumbered as 1-14, respectively.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 20071023.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



**BOB PHUNKULH
PRIMARY EXAMINER**

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with LINUS PARK (Reg. No. 45261) on 10/19/07.

The application has been amended as follows:

Claim 1 (Currently Amended) A method of providing access to a wireless communications system in which a plurality of nodes in a first set establish wireless links with wireless units located in geographic proximity to said nodes, said method comprising the steps of:

receiving information characterizing usage level of nodes of a second set, said set node of said second set responsible for frame selection, encryption and handling of access network mobility;

using said information by a node of said first set to determine a first node of said second set with which to connect; and connecting said node of said first set with said first node of said second set;

receiving information by said node of said first set from said nodes of said second set using a multicast address associated with said nodes of said second set;

maintaining a list by said node of said first set of nodes of said second set based on said information; and

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using said list by said node of said first set to determine said first node of said second set with which to connect.

Claim 10 (Cancelled).

Claim 11 (Currently Amended) A radio access system in a wireless communications system comprising:

a plurality of nodes in a first set adapted to establish wireless links with wireless units located in geographic proximity to said nodes;

a connection network coupled to said plurality of nodes of said first set;

a plurality of nodes of a second set coupled to said connection network adapted to provide connections between a node of said plurality of nodes of said first set and said plurality of nodes of said second set, said plurality of nodes of said second set responsible for frame selection, encryption and handling of access network mobility; and processing circuitry adapted to receive information characterizing usage levels of the nodes of the second set and to use said information to determine a node of said second set to connect with said node of said first set;

wherein said processing circuitry being at said node of said first set and being adapted to receive information characterizing usage levels of said nodes of said second set and to use said information by said processing circuitry to determine said node of said second set with which to connect said node of said first set;

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wherein said processing circuitry further adapted to receive information from nodes of said second set using a multicast address associated with said nodes of said second set, to maintain a list of nodes of said second set based on said information, and to use said list to determine said node of said second set with which to connect said node of said first set.

Claim 19 (Cancelled).

Claim 20 (Cancelled).

Conclusion

Any response to this action should be mailed to:

The following address mail to be delivered by the United States Postal Service (USPS) only:

Mail Stop _____
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

or faxed to:

(571) 273-8300, (for formal communications intended for entry)

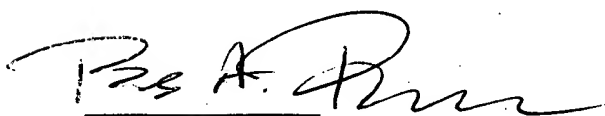
Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Bob A. Phunkulh** whose telephone number is **(571) 272-3083**. The examiner can normally be reached on Monday-Tuesday from 8:00 A.M.

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to 5:00 P.M. (first week of the bi-week) and Monday-Friday (for second week of the bi-week).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor **Jay Patel**, can be reach on **(571) 272-2988**. The fax phone number for this group is **(571) 273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Bob A. Phunkulh
Primary Examiner
TC 2600
Technology Division 2619
October 23, 2007

BOB PHUNKULH
PRIMARY EXAMINER